

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Original) A system for controlling processes associated with streams of application data for a communication network including communication stations adapted to exchange data streams and connected to communication terminals provided with at least one application and one core containing information representative of said applications, which system includes: i) processing means adapted, on receiving a message designating an application, to deliver service data representative of at least one process associated with said designated application, ii) extraction means adapted, on receiving a stream of data sent by a communication terminal, to access the core of said terminal to determine the application associated with said received stream and then to deliver to said processing means a message designating said determined application, and iii) control means adapted, on receiving service data delivered by said processing means, to deliver configuration data adapted to enable at least one process suited to the requirements of the application associated with the received stream by the communication station to which the terminal from which said stream came is connected.

2. (Original) The system claimed in claim 1 wherein each communication terminal core includes an interface for real time control of the network streams associated with said applications and said extraction means are adapted, on receiving a data stream, to access said control interface to determine the application associated with said received stream.

3. (Original) The system claimed in claim 1, further including memory means adapted to store a table of correspondences between said applications and said service data, and wherein said processing means are adapted, on receiving a message designating an application, to access said memory means to determine service data stored in correspondence with said designated application.

4. (Original) The system claimed in claim 3 wherein said processing means are adapted, in the absence in said memory means of service data stored in correspondence with a designated application, to send a user via a graphical interface of the communication terminal in which said extraction means are installed a message requesting said service data associated with the designated application.

5. (Original) The system claimed in claim 3 wherein said extraction means are adapted to update said correspondence table as a function of information received.

6. (Original) The system claimed in claim 5 wherein said updating information is contained in a configuration file received by the communication terminal in which said extraction means are installed.

7. (Original) The system claimed in claim 5 wherein said updating information is delivered by a graphical interface of the communication terminal in which said extraction means are installed.

8. (Original) The system claimed in claim 1 wherein said extraction means are installed in a protocol stack of a communication terminal core.

9. (Original) The system claimed in claim 1 wherein each communication station has at least one protocol stack arranged in layers, including an MAC layer, and said control means are adapted, on receiving service data, to deliver configuration data for configuring said MAC layer as a function of the requirements associated with a stream to be transmitted or received.

10. (Original) The system claimed in claim 1 wherein said processing means are adapted to deliver to said control means service data representative of at least one process associated with streams to be received from an application installed in a remote communication terminal.

11. (Original) The system claimed in claim 1 wherein said control means are adapted to deliver said configuration data on receiving an authorization delivered by a central server of said network.

12. (Original) The system claimed in claim 1 wherein said processing means and said control means are adapted to exchange service messages containing said service data in accordance with an exchange protocol chosen from among a proprietary protocol, the SNMP, the XML protocol, and the RSVP.

13. (Original) The system claimed in claim 1 wherein said process is chosen from a group including at least quality of service, encryption, authentication, session set-up, stream prioritization, and stream elimination.

14. (Currently Amended) A communication terminal including extraction means and processing means of a control system as claimed in ~~any one of the preceding claims~~claim 1.

15. (Currently Amended) A communication terminal including a control system as claimed in ~~any one of claims 1 to 13~~claim 1.

16. (Currently Amended) A communication station including control means of a control system as claimed in ~~any one of claims 1 to 13~~claim 1.

17. The communication station claimed in claim 16, taking the form of a satellite terminal.

18. (Currently Amended) A communication network including a multiplicity of communication stations ~~as claimed in either claim 16 or claim 17~~including a control means of a control system as claimed in claim 1 and communication terminals ~~as claimed in claim 14 or claim 15~~including extraction means and processing means of said control system.

19. (Original) The communication network claimed in claim 18, chosen in a group including at least satellite networks and wireless networks.